IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Ashkenazi et al.

Serial No.: not yet assigned

Filed: herewith

For: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS

ENCODING THE SAME

Group Art Unit: not yet assigned

Examiner: not yet assigned



M. Barnes

ASSOCIATE POWER OF ATTORNEY (37 CFR 1.34)

Assistant Commissioner of Patents Washington, D.C. 20231

Sir:

Please recognize as Associate Attorney in this case:

Ginger R. Dreger Reg. No. 33,055 CUSTOMER NO. 30,313

Please direct all communications relative to said pending patent application to the following address:

Ginger R. Dreger Knobbe Martens Olson & Bear 201 California Street, Suite 1150 San Francisco, CA 94111 Telephone: 415-217-8381

> Respectfully submitted, GENENTECH, INC.

Date: October 15, 2001

Elizabeth M. Barnes Reg. No. 35,059

Telephone No. 650-225-4563

PATENT TRADEMARK OFFICE

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or X was filed on July 30, 2001 as Application Serial No. 09/918,585 and was amended on _ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or

inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having date before that of the application on which priority is claimed:				
Prior Foreign App	lication(s):		Priority Claimed Yes No	
Number	Country	Day/Month	Year Filed	
l-£			119(e) of any United States provisional applications(3) listed below: S. Provisional Applications)	
Application Ser. N		Filing Date	.o. I Tovisional Applications	
as the subject mat provided by the first defined in Title 37	ter of each of the clai at paragraph of Title 3 , Code of Federal Re	ms of this application i 35, United States Code	§120 of any United States applications(s) listed below and, insofar is not disclosed in the prior United States application in the manner of the prior United States application in the manner of the prior acknowledge the duty to disclose material information as the occurred between the filing date of the prior application and the	
Please see att	ached Appendi	к В (Listing 26 U.	S. and 38 PCT Patent Applications)	
Application Ser. N		Filing Date	Status: Patented, Pending, Abandoned	
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09157
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Send correspondence to Genentech, Inc.

Attn: Elizabeth M. Barnes, Ph.D. Telephone: (650) 225-4563

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Full name of sole or first inventor	
NOTE: 100 PM	
Avi J. Ashkenazi	
Inventor's signature	Date
	2/23/01
Residence	
#esidence	
Citizenship	
US ∷ :	
Post Office Address	
∱∞ĎNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Kevin P. Baker	
Inventor's signature	Date
inventor 3 signaturo	
Residence 14006 Indian Run Drive, Darnestown, MD 20878	
14000 indian Run Dilve, Damestown, WD 20070	
Citizenship	
GB	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Botstein	
Inventor's signature	Date
inventor s signature	
Residence	
2539 Somerset Drive, Belmont, CA 94002	
Citizenship	
US	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor Luc Desnoyers Date Inventor's signature Residence 2050 Stockton Street, San Francisco, CA 94133 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifth joint inventor, if any Dan L. Eaton Date Inventor's signature Residence 75 Knight Drive, San Rafael, CA 94901 Citizenship US Pest Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixth joint inventor, if any Napoleone Ferrara Date Inventor's signature Residence 2090 Pacific Avenue #704, San Francisco, CA 94109 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor Ellen Filvaroff Date Inventor's signature Residence 538 18th Avenue, San Francisco, CA 94121 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Residence	
3025 South Court, Palo Alto, CA 94306	
Citizenship GN	
Pest Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of tenth joint inventor	
Hanspeter Gerber	
Inventor's signature	Date
real Parts	
Residence 1121 Tennessee Street #5, San Francisco, CA 94107	
Citizenship CH	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature	Date
Residence 541 Parrott Drive, San Mateo, CA 94402	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
Residence 2827 Easton Drive, Burlingame, CA 94010	
Chizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any Christopher Grimaldi	
Inventor's signature	Date
Residence 1434 36 th Avenue, San Francisco, CA 94122	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of sixteenth joint inventor Kenneth J. Hillan Date Inventor's signature Residence 64 Seward Street, San Francisco, CA 94114 Citizenship GB Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventeenth joint inventor, if any Ivar J. Kljavin Date Inventor's signature Residence 3673 Crescent Drive, Lafayette, CA 94549 Citizenship ЦS Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any Sophia S. Kuo Date Inventor's signature U Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of nineteenth joint inventor Mary A. Napier Date Inventor's signature Residence 1015 Hayne Road, Hillsborough, CA 94010 Citizenship US

Post Office Address 1 DNA Way

South San Francisco, CA 94080

Full name of twentieth joint inventor, if any James Pan Date Inventor's signature Residence 2705 Coronet Boulevard, Belmont, CA 94002 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-first joint inventor, if any Nicholas F. Paoni Date Inventor's signature Residence 1756 Terrace Drive, Belmont, CA 94002 Citizenship Post Office Address 1. DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor Margaret Ann Roy Date Inventor's signature M Residence 2960 Webster Street #4, San Francisco, CA 94123 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-third joint inventor, if any David L. Shelton Date Inventor's signature Residence 5845 Clover Drive, Oakland, CA 94618 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of twenty-fourth joint inventor, if any Timothy A. Stewart Date Inventor's signature Residence 465 Douglass Street, San Francisco, CA 94114 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fifth joint inventor Daniel Tumas Date Inventor's signature Residence 3 Rae Avenue, Orinda, CA 94563 Citizenship ŲŠ Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-sixth joint inventor, if any P. Mickey Williams Date inventor's signature U Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-seventh joint inventor, if any William I. Wood Date Inventor's signature Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

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Application Ser	. No.	x A (Listing 110 U.S Filing Date				
as the subject m provided by the defined in Title:	natter of each of the clai first paragraph of Title 3	, United States Code, §12 ms of this application is no 35, United States Code, § egulations, §1.56 which o e of this application:	ot disclosed in the prior 112, I acknowledge the	United States appli duty to disclose ma	ication in t aterial info	tne manne ormation as
Please see a Application Ser		x B (Listing 26 U.S. Filing Date	and 38 PCT Pater Status: Pat	nt Applications ented, Pending, At) pandoned	<u> </u>

Filing Date

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Full name of sole or first inventor	
A.E. S.	
Avriju. Ashkenazi	
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Inventor's signature	Date
inventors signature	
The state of the s	
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
111111111111111111111111111111111111111	
Citizenship	
ÜS	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
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Kevin P. Baker	
Revin P. Baker	
	Date .
Inventor's signature	-I /
	K119 10\
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Residence / // //	· ·
14006 Indian Run Drive, Damestown, MD 20878	•
Citizenship	
GB	
Post Office Address	
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South San Francisco, CA 94080	
South Gair Flancisco, CA 34000	
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David Botstein	
	Date
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Chizenship GN	
Post Office Address 1. DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor Hanspeter Gerber	
Inventor's signature	Date
Residence 1121 Tennessee Street #5, San Francisco, CA 94107	
Citizenship CH	
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Mary E. Gerritsen	
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Citiženship	
us ·	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
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J.Christopher Grimaldi	
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10 mm 1 m	
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US	
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1 Debbie Lane, Belmont, CA 94002	
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US	
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1 DNA Way South San Francisco, CA 94080	

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Inventor's signature	Date
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Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
lvar J. Kljavin	
Inventor's signature	Date
Residence 3673 Crescent Drive, Lafayette, CA 94549	
Chizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
Sophia S. Kuo	
Inventor's signature	Date
Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature	Date
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as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the

Please see attached Appendix B (Listing 26 U.S. and 38 PCT Patent Applications)			
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned	
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Full name of sole or first inventor	
Avij. Ashkenazi	
Inventor's signature	Date
Residence 1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship US	
Post Office Address DNA Way South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Kevin P. Baker	
Inventor's signature	Date
Residence 14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Botstein	
Inventor's signature	8-29-01
Residence 2539 Somerset Drive, Belmont, CA 94002	
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Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
Residence 2627 Easton Drive, Burlingame, CA 94010	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
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J.Christopher Grimaldi	
Inventor's signature	Date
Residence 1434 36 th Avenue, San Francisco, CA 94122	
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Austin L. Gurney	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
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Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any Sophia S. Kuo	
laventor's signature	Date
Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
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Mary A. Napier	Date
Inventor's signature	
Residence 1015 Hayne Road, Hillsborough, CA 94010	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	

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James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence 1756 Terrace Drive, Belmont, CA 94002	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor	
Margaret Ann Roy	
inventor's signature	Date
Residence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
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09157
PATENT TRADEMARK OFFICE

Send correspondence to Genentech, Inc.

Attn: Elizabeth M. Barnes, Ph.D. Telephone: (650) 225-4563

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full-name of sole or first inventor	
Avi-J. Ashkenazi	
Inventor's signature	Date

Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Cifizenship	
US	
Pest Office Address	
1 DNA Way South San Francisco, CA 94080	
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rame of second joint inventor, if any	
Program of the control of the contro	
Kévin P. Baker	
Inventor's signature	Date
Residence 14006 Indian Run Drive, Darnestown, MD 20878	
14000 filulati huli bilve, bameslowi, Nib 25070	
Citizenship	
GB	
Dart Office Address	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Botstein	
David Bolstein	
Inventor's signature	Date
Residence	
2539 Somerset Drive, Belmont, CA 94002	
2000 001101001 2.1101 2.1101	
Citizenship	
US	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor

Luc Desnoyers

Inventor's signature	Date
La che.	08/24/2001
Residence	
2050 Stockton Street, San Francisco, CA 94133	
Citizenship	
CA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dan L. Eaton	
Inventor's signature	Date
STATE	
Residence	
75. Knight Drive, San Rafael, CA 94901	
Citizenship Us	
। व वि	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Napoleone Ferrara	
1.5	Dete
Inventor's signature	Date
Residence 2090 Pacific Avenue #704, San Francisco, CA 94109	
Citizenship	
US	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature	Date
Residence	
538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	

Full name of eight joint inventor, if any		
Sherman Fong		
Inventor's signature	Date	
myonor o organical		
Residence		
19 Basinside Way, Alameda, CA 94502		
Citizenship		
US		
Post Office Address		
1 DNA Way South San Francisco, CA 94080		
Full name of ninth joint inventor, if any		
Wei-Qiang Gao		
Inventor's signature	Date	
Residence		
3025 South Court, Palo Alto, CA 94306		
Citizenship		
GN		
Post Office Address		
1. DNA Way South San Francisco, CA 94080		
Full name of tenth joint inventor		
Hanspeter Gerber		
lèventor's signature	Date	
The state of the s		
Residence		
1121 Tennessee Street #5, San Francisco, CA 94107		
Citizenship		
СН		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		
Full name of eleventh joint inventor, if any		
Mary E. Gerritsen	Data	
Inventor's signature	Date	
Residence 541 Parrott Drive, San Mateo, CA 94402	•	
Citizenship CA		
Post Office Address 1 DNA Way		
South San Francisco, CA 94080		

Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
Residence 2027 Easton Drive, Burlingame, CA 94010	
Citizenship US	
Post Office Address 1 PNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Christopher Grimaldi	
Inventor's signature	Date
Residence 1434 36 th Avenue, San Francisco, CA 94122	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifteenth joint inventor, if any	
Austin L. Gumey	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of sixteenth joint inventor Kenneth J. Hillan Date Inventor's signature Residence 64 Seward Street, San Francisco, CA 94114 Citizenship GB Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventeenth joint inventor, if any Ivar J. Kljavin Date Inventor's signature Residence 3673 Crescent Drive, Lafayette, CA 94549 Citizenship US Post Office Address 1. DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any Sophia S. Kuo Date Inventor's signature Residence \$9 Surrey Street, Apt. 3, San Francisco, CA 94131 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of nineteenth joint inventor Mary A. Napier Date Inventor's signature Residence 1015 Hayne Road, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence 1766 Terrace Drive, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor	
Margaret Ann Roy	
Inventor's signature	Date
Residence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-fourth joint inventor, if any	
Timothy A. Stewart	
Inventor's signature	Date
Residence 465 Douglass Street, San Francisco, CA 94114	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fifth joint inventor	
Daniel Tumas	
Inventor's signature	Date
Residence 3 Bae Avenue, Orinda, CA 94563	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-sixth joint inventor, if any	
P Mickey Williams	
Inventor's signature	Date
Residence 509 Alto Avenue, Half Moon Bay, CA 94019	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-seventh joint inventor, if any	
William I. Wood	
Inventor's signature	Date
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or X was filed on July 30, 2001 as Application Serial No. 09/918,585 and was amended on _ (if applicable).

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inventor's certifica	ate listed below and ha	Inder Title 35, United Sta ave also identified below n on which priority is clai	tes Code, §119(a)-(d) of any foreign application(s) for patent or any foreign application for patent or inventor's certificate have a med:
Prior Foreign App	olication(s):		Priority Claimed Yes No
Number	Country	Day/Month/Ye	
I hereby claim the	benefit under Title 35,	United States Code, §11	9(e) of any United States provisional applications(s) listed below:
25			. Provisional Applications)
Application Ser. I	No.	Filing Date	
as the subject ma provided by the fit defined in Title 37	tter of each of the clairst paragraph of Title (ms of this application is n 35, United States Code, § gulations, §1.56 which c	20 of any United States applications(s) listed below and, insofar ot disclosed in the prior United States application in the manner of 112, I acknowledge the duty to disclose material information as occurred between the filing date of the prior application and the
Please see at	tached Appendi	k B (Listing 26 U.S.	and 38 PCT Patent Applications)
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Revin F. Dakei	
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Full name of fourth joint inventor	
Luc Desnoyers	
Inventor's signature	Date
Residence	
2050 Stockton Street, San Francisco, CA 94133	
Citizenship CA	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dan L. Eaton	8/24/01
Inventor's signature	Date
Residence 75 Knight Drive, San Rafael, CA 94901	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature	Date
Residence	
2090 Pacific Avenue #704, San Francisco, CA 94109	
Citizenship US	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature	Date
Residence 538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Residence 3825 South Court, Palo Alto, CA 94306	
CHIZENSHIP	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor	
Hanspeter Gerber	
Inventor's signature	Date
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Full name of twelfth joint inventor, if any Audrey Goddard Inventor's signature Date Residence 110 Congo Street, San Francisco, CA 94131 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of thirteenth joint inventor Paul J. Godowski Date Inventor's signature Residence 2627 Easton Drive, Burlingame, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any J. Christopher Grimaldi Date Inventor's signature L. Residence 1434 36th Avenue, San Francisco, CA 94122 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifteenth joint inventor, if any Austin L. Gurney Inventor's signature Date Residence 1 Debbie Lane, Belmont, CA 94002 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of sixteenth joint inventor	
Kenneth J. Hillan	
Inventor's signature	Date
Residence 64 Seward Street, San Francisco, CA 94114	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
lvar J. Kljavin	
Inventor's signature	Date
Residence	
3673 Crescent Drive, Lafayette, CA 94549	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
Sophia S. Kuo	
Inventor's signature	Date
Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature	Date
Residence 1015 Hayne Road, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence	
2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence	
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Margaret Ann Roy	
Inventor's signature	Date
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Citizenship US	
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Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-fourth joint inventor, if any	
Timothy A. Stewart	
Inventor's signature	Date
Residence 465 Douglass Street, San Francisco, CA 94114	
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Full name of twenty-fifth joint inventor	
Daniel Tumas	
Inventor's signature	Date
Residence 3 Fae Avenue, Orinda, CA 94563	
Cîtizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-sixth joint inventor, if any	
P_Mickey Williams	
Inventor's signature	Date
Residence 509 Alto Avenue, Half Moon Bay, CA 94019	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-seventh joint inventor, if any	
William I. Wood	
Inventor's signature	Date
Residence 35 Southdown Court, Hillsborough, CA 94010	
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SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or <u>X</u> was filed on <u>July 30, 2001</u> as Application Serial No. <u>09/918,585</u> and was amended on _ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

lacknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

113 I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed: Prior Foreign Application(s): **Priority Claimed** Yes No Day/Month/Year Filed Number Country I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below: <u>Please see attached Appendix A (Listing 110 U.S. Provisional Applications)</u> Application Ser. No. Filing Date Thereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application: Please see attached Appendix B (Listing 26 U.S. and 38 PCT Patent Applications) Application Ser. No. Filing Date Status: Patented, Pending, Abandoned Application Ser. No. Filing Date Status: Patented, Pending, Abandoned

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Fulliname of sole or first inventor	
1 2 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Avii-J. Ashkenazi	
Inventor's signature	Date
_ 3	
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
US .	
norm	
Post Office Address	
1 ĐNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
रेक्क	
Kevin P. Baker	
	<u> </u>
Inventor's signature	Date
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship	
GB	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Fall-conservation and the second seco	
Full name of third joint inventor, if any	
David Datetain	
David Botstein	
Inventor's signature	Date
Inventor's signature	Date
Residence	
2520 Samaraat Driva Ralmont CA 04009	
2539 Somerset Drive, Belmont, CA 94002	
Citizenship	
US	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Count Curt (anoisou, On 57000	

Full name of fourth joint inventor	
Luc Desnoyers	
Inventor's signature	Date
Residence 2050 Stockton Street, San Francisco, CA 94133	
Citizenship CA	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dan L. Eaton	
Inventor's signature	Date
Residence 75 Knight Drive, San Rafael, CA 94901	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Napoleone Ferrara	8/23/01
Inventor's signature	Date
Residence 2090 Pacific Avenue #704, San Francisco, CA 94109	·
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature	Date
Residence 538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
Citizenship US	
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Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Residence 3025 South Court, Palo Alto, CA 94306	
Citizenship CN	
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Full name of tenth joint inventor	
Hanspeter Gerber	
Inventor's signature	Date
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Citizenship CH	
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Mary E. Gerritsen	
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\$\text{\$\cup\$Christopher Grimaldi}\$	Date
Inventor's signature	Date
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Fill name of eighteenth joint inventor, if any Sophia S. Kuo	
Inventor's signature	Date
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor	
Margaret Ann Roy	
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Attn: Elizabeth M. Barnes, Ph.D. Telephone: (650) 225-4563

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

Fall-name of sole or first inventor	
AyriJ. Ashkenazi	
tapar	
Inventor's signature	Date
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Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
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San Line	
Post Office Address	
า้าปั๊NA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
këvin P. Baker	
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Inventor's signature	Date
· · · · · · · · · · · · · · · · · · ·	
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship	
GB	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
• • •	
David Botstein	
Inventor's signature	Date
6	
Residence	
2539 Somerset Drive, Belmont, CA 94002	
Citizenship	
us	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor	
Luc Desnoyers	
Inventor's signature	Date
Residence 2050 Stockton Street, San Francisco, CA 94133	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dan L. Eaton	
Inventor's signature	Date
Residence 75 Knight Drive, San Rafael, CA 94901	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Fell≈name of sixth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature	Date
Residence 2090 Pacific Avenue #704, San Francisco, CA 94109	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature & M MMM	9/13/07
Residence 538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Rasidence 3025 South Court, Palo Alto, CA 94306	
Citizenship GN	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor Hanspeter Gerber	
leventor's signature	Date
Residence #21 Tennessee Street #5, San Francisco, CA 94107	
Citizenship CH	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature	Date
Residence 541 Parrott Drive, San Mateo, CA 94402	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's Storlature	9 /13/ v)
Residence V 2627 Easton Drive, Burlingame, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Inventor's signature	9117101
Residence 1434 36 th Avenue, San Francisco, CA 94122	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature	Date ŷ/17 / D /
1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of sixteenth joint inventor	
Kenneth J. Hillan	
Inventor's signature	Date
Residence 64 Seward Street, San Francisco, CA 94114	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature	Date
Residence 3673 Crescent Drive, Lafayette, CA 94549	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any Sophia S. Kuo	
Inventor's signature	Date
Residence \$9-Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature	Date
Residence 1015 Hayne Road, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence 1756 Terrace Drive, Belmont, CA 94002	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor	
Margaret Ann Roy	
Inventor's signature	Date
Residence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

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ruii name or twenty-rountni joint inventor, ir any	
Timothy A. Stewart	
Inventor's signature	Date (4.72.0)
and the contraction of the contr	
Residence 465 Douglass Street, San Francisco, CA 94114	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fifth joint inventor	
Daniel Tumas	
Inventor's signature	Date
Residence 3. Rae Avenue, Orinda, CA 94563	
Ciffzenship	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of twenty-sixth joint inventor, if any	
P Mickey Williams	
Inventor's signature	Date
Residence \$99 Alto Avenue, Half Moon Bay, CA 94019	
Citizenship US	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of twenty-seventh joint inventor, if any	
William I. Wood	
Inventor's signature	Date
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

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and was amended on (if applicable).

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Thereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37. Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the

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AyerJ. Ashkenazi	
Inventor's signature	Date
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Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
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1 DNA Way	
South San Francisco, CA 94080	
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Full name of second joint inventor, if any	
Fair raise of second joint inventor, it diff	
kểvin P. Baker	
Nevint . Danei	
Inventor's signature	Date
inventor o signaturo	
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
14000 Indian Fair Drive, Damestown, ND 20070	
Citizenship	
GB	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
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Residence	
2539 Somerset Drive, Belmont, CA 94002	
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us	
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1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor Luc Desnoyers Date Inventor's signature Residence 2050 Stockton Street, San Francisco, CA 94133 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifth joint inventor, if any Dan L. Eaton Date Inventor's signature Residence 75 Knight Drive, San Rafael, CA 94901 Citizenship บร Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixth joint inventor, if any Napoleone Ferrara Date Inventor's signature Residence 2090 Pacific Avenue #704, San Francisco, CA 94109 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor Ellen Filvaroff Date Inventor's signature

Residence

Citizenship US

Post Office Address 1 DNA Way

South San Francisco, CA 94080

538 18th Avenue, San Francisco, CA 94121

Full name of eight joint inventor, if any Sherman Fong Inventor's signature Residence 19 Basinside Way, Alameda, CA 94502 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of ninth joint inventor, if any Wei-Qiang Gao Date Inventor's signature Residence 3025 South Court, Palo Alto, CA 94306 Citizenship CN Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor Hanspeter Gerber Date Inventor's signature Residence 1121 Tennessee Street #5, San Francisco, CA 94107 Citizenship CH Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Mary E. Gerritsen Date Inventor's signature Residence 541 Parrott Drive, San Mateo, CA 94402 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
Residence 2627 Easton Drive, Burlingame, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
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Linistopher Grimaldi	
Inventor's signature	Date
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Inventor's signature	Date
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Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
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Sophia S. Kuo	
Inventor's signature	Date
Residence 50 Surrey Street, Apt. 3, San Francisco, CA 94131	
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Full name of twenty-fourth joint inventor, if any Timothy A. Stewart Inventor's signature Date Residence 465 Douglass Street, San Francisco, CA 94114 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fifth joint inventor **Daniel Tumas** Inventor's signature Date Residence 3 Rae Avenue, Orinda, CA 94563 Citizenship us Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-sixth joint inventor, if any P. Mickey Williams Inventor's signature Date Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-seventh joint inventor, if any William I. Wood Inventor's signature Date Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

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Full name of sole or first inventor		
Avi J. Ashkenazi		
Inventor's signature	Date	
Residence		
tis Tarrytown Street, San Mateo, CA 94402		
Citizenship		
US .		
ini		
Post Office Address CDNA Way		
South San Francisco, CA 94080		
Full name of second joint inventor, if any		
Kevin P. Baker		
iveAll 1 . Daivel		
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Luc Desnoyers	
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Residence 2050 Stockton Street, San Francisco, CA 94133	
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Dan L. Eaton	
Inventor's signature	Date
Residence 75 Knight Drive, San Rafael, CA 94901	
Gitzenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Napoleone Ferrara	
inventor's signature	Date
Residence 2090 Pacific Avenue #704, San Francisco, CA 94109	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature	Date
Residence 538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	0:/
Wei-Qiang Gao	8/270/
Inventor's signature	Date
Residence 3025 South Court, Palo Alto, CA 94306	
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Residence 1121 Tennessee Street #5, San Francisco, CA 94107	
Citizenship CH	
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Inventor's signature	Date
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Citizenship CA	
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Citizenship CA	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
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Paul J. Godowski	
Inventor's signature	Date
Residence	
2627 Easton Drive, Burlingame, CA 94010	
Citizenship US	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Öhristopher Grimaldi	
Inventor's signature	Date
en de la companya de	
Residence 1434 36 th Avenue, San Francisco, CA 94122	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
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Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
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Kenneth J. Hillan	
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Residence 3673 Crescent Drive, Lafayette, CA 94549	
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	Date
Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor Mary A. Napier	
	Date
Residence 1015 Hayne Road, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	Date
Inventor's signature	
Residence 1.756 Terrace Drive, Belmont, CA 94002	
Citizenship Us	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor	
Margaret Ann Roy	
Inventor's signature	Date
Residence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-fourth joint inventor, if any	
Timothy A. Stewart	
Inventor's signature	Date
Residence 465 Douglass Street, San Francisco, CA 94114	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fifth joint inventor	
Daniel Tumas	
Inventor's signature	Date
Residence	
3 Bae Avenue, Orinda, CA 94563	
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-sixth joint inventor, if any P. Mickey Williams	
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e anne	
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Prior Foreign Application(s):

Priority Claimed

				<u>res</u>	NO
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Sept.	D-L-
	Date
Residence	
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1. 1	
Citizenship	
US	
Post Office Address	
1 ĐNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Takin D. Delen	
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Residence	
14006 Indian Run Drive, Damestown, MD 20878	
Citizenship	
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Post Office Address	
1 DNA Way South San Francisco, CA 94080	
South San Francisco, CA 94060	
Full name of third joint inventor, if any	
To a mane of and joint inventor, if any	
David Botstein	
Inventor's signature	Date
•	
Residence	
2539 Somerset Drive, Belmont, CA 94002	
Citizenship	
US -	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
	,

Full name of fourth joint inventor Luc Desnoyers Date Inventor's signature Residence 2050 Stockton Street, San Francisco, CA 94133 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifth joint inventor, if any Dan L. Eaton Date Inventor's signature Residence 75 Knight Drive, San Rafael, CA 94901 Citizenship US Post Office Address
1 DNA Way South San Francisco, CA 94080 Full name of sixth joint inventor, if any Napoleone Ferrara Date Inventor's signature Residence 2090 Pacific Avenue #704, San Francisco, CA 94109 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor Ellen Filvaroff Date Inventor's signature Residence 538 18th Avenue, San Francisco, CA 94121 Citizenship US Post Office Address

1 DNA Way

South San Francisco, CA 94080

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Residence 3925 South Court, Palo Alto, CA 94306	
Citizenship CN 111	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor	
Hanspeter Gerber	
Inventors signature	Date 08(21/24)
Residence 1121 Tennessee Street #5, San Francisco, CA 94107	
Citizenship CH	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature	Date
Residence 541 Parrott Drive, San Mateo, CA 94402	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
	Date
Residence	
2627 Easton Drive, Burlingame, CA 94010	
Citizenship	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Fall name of fourteenth joint inventor, if any	
J. Christopher Grimaldi	
laventor's signature	Date
Residence	
1434 36th Avenue, San Francisco, CA 94122	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of fifteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of sixteenth joint inventor	
Kenneth J. Hillan	
Inventor's signature	Date
Residence 64 Seward Street, San Francisco, CA 94114	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature	Date
Residence 3673 Crescent Drive, Lafayette, CA 94549	
Clazenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
Sophia S. Kuo	
Inventor's signature	Date
Residence Surrey Street, Apt. 3, San Francisco, CA 94131	
Čitizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature	Date
Residence 1015 Hayne Road, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence 17.6 Terrace Drive, Belmont, CA 94002	
Chizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor	
Margaret Ann Roy	
Inventor's signature	Date
Residence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-fourth joint inventor, if any	
Timothy A. Stewart	
Inventor's signature	Date
Residence 465 Douglass Street, San Francisco, CA 94114	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fifth joint inventor	
Daniel Tumas	
Inventor's signature	Date
Residence 3 Frae Avenue, Orinda, CA 94563	
Citizenship US	
Pest Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-sixth joint inventor, if any	
P. Mickey Williams	
Inventor's signature	Date
Residence 509 Alto Avenue, Half Moon Bay, CA 94019	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-seventh joint inventor, if any	
William I. Wood	
Inventor's signature	Date
Residence 35 Southdown Court, Hillsborough, CA 94010	
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SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

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inventors certific	e that of the application	n on which priority is claimed:	
			Priority Claimed
Prior Foreign Ap	oplication(s):		Yes No
			100 110
		Day/Month/Year Filed	
Number	Country	Day/Moritis/ real rifled	
755		United States Code, §119(e) of any United States • A (Listing 110 U.S. Provisional Appl	
Application Ser.	. No.	Filing Date	_
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Please see attached Appendix B (Listing 26 U.S. and 38 PCT Patent Applications)				
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned		
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09157
PATENT TRADEMARK OFFICE

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Fall name of sole or first inventor	
Avii. Ashkenazi	
Integrator's signature	Date
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citiženship ⊌S	
Post Office Address	
DNA Way South San Francisco, CA 94080	
San Manusco, CA 94000	
Full name of second joint inventor, if any	
Kevin P. Baker	
Inventor's signature	Date
Residence	
14006 Indian Run Drive, Damestown, MD 20878	
Citizenship	
GB	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Botstein	
Inventor's signature	Date
Residence	
2539 Somerset Drive, Belmont, CA 94002	
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Post Office Address 1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor	
Luc Desnoyers	
Inventor's signature	Date
Residence 2050 Stockton Street, San Francisco, CA 94133	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dan L. Eaton	
Inventor's signature	Date
Residence 75 Knight Drive, San Rafael, CA 94901	
Oilizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Napoleone Ferrara	
laventor's signature	Date
Residence 2090 Pacific Avenue #704, San Francisco, CA 94109	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature	Date
Residence 538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
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Wei-Qiang Gao	
Inventor's signature	Date
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Inventor's signature	Date
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Inventor's signature	Date
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David L. Shelton	
Inventor's signature	Date
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Full name of twenty-fourth joint inventor, if any	
Timothy A. Stewart	
Inventor's signature	Date
Residence 465 Douglass Street, San Francisco, CA 94114	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fifth joint inventor	
Daniel Tumas	
Inventor's signature	Date
Residence 3 Rae Avenue, Orinda, CA 94563	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-sixth joint inventor, if any	
Pa Mickey Williams	
Inventor's signature	Date
Residence 509 Alto Avenue, Half Moon Bay, CA 94019	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-seventh joint inventor, if any	
William I. Wood	
Inventor's signature	Date
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Full name of sole or first inventor	
Amu. Ashkenazi	
20%	
Inventor's signature	Date
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
and Tarrytown Officer, Oar Mateo, OA 04-102	
	_
Citizenship	
Ûŝ	
Note:	
P _s ost Office Address	
1₃ DNA Way	
South San Francisco, CA 94080	
South Carl Flaticisco, OA 34000	
	<u></u>
Full name of second joint inventor, if any	
बुर्ला ।	
Kevin P. Baker	
REVIT P. Daker	
Inventor's signature	Date
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
14000 Indian Run Diffe, Daniestown, MD 20070	
Citizenship	
GB .	
	
D . 00	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Godat Gail Flancisco, OA 64000	
Full name of third joint inventor, if any	
David Patettin	
David Botstein	
Inventor's signature	Date
vo.no. o signature	
Residence	
2539 Somerset Drive, Belmont, CA 94002	
2009 Gotherset Diffe, Delinont, OA 94002	
Citizenship	
US	
	
Post Office Address	
1 DNA Way	
South Con Expression CA 94000	
South San Francisco, CA 94080	

Full name of fourth joint inventor Luc Desnoyers Inventor's signature Date Residence 2050 Stockton Street, San Francisco, CA 94133 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifth joint inventor, if any Dan L. Eaton Inventor's signature Date Residence 75 Knight Drive, San Rafael, CA 94901 Citizenship ບຮ Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixth joint inventor, if any Napoleone Ferrara Date Inventor's signature Residence 2090 Pacific Avenue #704, San Francisco, CA 94109 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor Ellen Filvaroff Inventor's signature Date Residence 538 18th Avenue, San Francisco, CA 94121 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

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Inventor's signature	Date
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19 Basinside Way, Alameda, CA 94502	
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Inventor's signature	Date
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Citizenship CA	
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Audrey Goddard Date Inventor's signature Cold and 28 Aug 2001 Residence 110 Congo Street, San Francisco, CA 94131 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of thirteenth joint inventor Paul J. Godowski Inventor's signature Date Residence 2627 Easton Drive, Burlingame, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourteenth joint inventor, if any J. Christopher Grimaldi Inventor's signature Date ķ. Residence 1434 36th Avenue, San Francisco, CA 94122 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifteenth joint inventor, if any Austin L. Gurney Inventor's signature Date Residence 1 Debbie Lane, Belmont, CA 94002 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

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Inventor's signature	Date
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Full name of sole or first inventor	
Aviju. Ashkenazi	
Inventor's signature	Date
10 12 12 12 12 12 12 12 12 12 12 12 12 12	
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
<u>us</u>	
Post Office Address	
FOST Office Address	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
In the or second joint inventor, it any	
Kevin P. Baker	
	Date
linventor's signature	Date
Residence 14006 Indian Run Drive, Darnestown, MD 20878	
14000 Indian Run Drive, Damestown, WD 20076	
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1 DNA Way South San Francisco, CA 94080	

Full name of fourth joint inventor Luc Desnoyers Inventor's signature Date Residence 2050 Stockton Street, San Francisco, CA 94133 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifth joint inventor, if any Dan L. Eaton Inventor's signature Date Residence 75 Knight Drive, San Rafael, CA 94901 Citizenship บร Post Office Address South San Francisco, CA 94080 Full name of sixth joint inventor, if any Napoleone Ferrara Inventor's signature Date 119 Residence 2090 Pacific Avenue #704, San Francisco, CA 94109 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor Ellen Filvaroff Inventor's signature Date Residence 538 18th Avenue, San Francisco, CA 94121 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Residence 3025 South Court, Palo Alto, CA 94306	
Citizenship CN	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor	
Hanspeter Gerber	
Inventor's signature	Date
Residence 121 Tennessee Street #5, San Francisco, CA 94107	
Öffizenship CH	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature	Date
Residence 541 Parrott Drive, San Mateo, CA 94402	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
Residence 2827 Easton Drive, Burlingame, CA 94010	
Clitzenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Christopher Grimaldi	
Inventor's signature	Date
Residence 1434 36th Avenue, San Francisco, CA 94122	<u> </u>
Čitizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of sixteenth joint inventor

Kenneth J. Hillan

Inventor's signature	Date 8/28/10.
Residence 64 Seward Street, San Francisco, CA 94114	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
lvar J. Kljavin	
Inventor's signature	Date
Residence 3673 Crescent Drive, Lafayette, CA 94549	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
Sophia S. Kuo	
prentor's signature	Date
Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature	Date
Residence 1015 Hayne Road, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
200 mg	
Residence 1756 Terrace Drive, Belmont, CA 94002	
Gitzenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor	
Margaret Ann Roy	
inventor's signature	Date
Besidence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-fourth joint inventor, if any Timothy A. Stewart Date Inventor's signature Residence 465 Douglass Street, San Francisco, CA 94114 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fifth joint inventor **Daniel Tumas** Date Inventor's signature Residence 3 Rae Avenue, Orinda, CA 94563 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-sixth joint inventor, if any P Mickey Williams Date Inventor's signature U Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-seventh joint inventor, if any William I. Wood Date Inventor's signature Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or X was filed on July 30, 2001 as Application Serial No. 09/918,585 and was amended on _ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

amended by any ar	menament referrea to	above.		
	uty to disclose informa egulations, Section 1		o the examination of this application in a	accordance with Title 37,
inventor's certificate	e listed below and hav	der Title 35, United Sta e also identified below on which priority is cla	tes Code, §119(a)-(d) of any foreign ap any foreign application for patent or inv imed:	oplication(s) for patent or entor's certificate have a
Prior Foreign Appli	cation(s):			Priority Claimed Yes No
Number	Country	Day/Month/Y	ear Filed	
Please see atta Application Ser. No	ached Appendix).	A (Listing 110 U.S Filing Date	9(e) of any United States provisional ap	
as the subject matte provided by the first defined in Title 37,	er of each of the claim paragraph of Title 35	s of this application is n , United States Code, { ulations, §1.56 which (20 of any United States applications(s) ot disclosed in the prior United States a 112, I acknowledge the duty to disclose occurred between the filing date of the	application in the manner e material information as
Please see atta	ached Appendix	B (Listing 26 U.S.	and 38 PCT Patent Application	ons)
Application Ser. No		Filing Date	Status: Patented, Pending	j, Abandoned
Application Ser. No	D.	Filing Date	Status: Patented, Pending	, Abandoned

09157

PATENT TRADEMARK OFFICE

Send correspondence to Genentech, Inc.

Attn: Elizabeth M. Barnes, Ph.D. Telephone: (650) 225-4563

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Fill name of sole or first inventor	
Ay . Ashkenazi	
Ayı̈́¸¸¸, Ashkenazi	
143	Data
Înwantor's signature	Date
CALLED TO THE CA	
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
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Post Office Address	
1 ĐNA Way	
Şeuth San Francisco, CA 94080	
i Pj	
Full name of second joint inventor, if any	
an a	
Kevin P. Baker	
H	
Inventor's signature	Date
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship	
GB	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Botstein	
	B-1-
Inventor's signature	Date
Residence	
2539 Somerset Drive, Belmont, CA 94002	
Citizenship	
US	
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Kenneth J. Hillan	
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Ivar J. Kljavin	
Inventor's signature	Date /0-10-0/
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Application Ser. No.

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I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

						
nventor's certific	cate listed below and ha	nder Title 35, United State: ve also identified below an n on which priority is claim	y foreign applicatio	i) of any foreign ap on for patent or inve	plication(s) to entor's certific	or patent or cate have a
imig date belon	e that of the application	Ton which phoney is claim.				
Prior Foreign Ap	onlication(s):				Priority	Claimed
Prior Foreign A	pplication(s).				<u>Yes</u>	<u>No</u>
						
Number	Country	Day/Month/Yea	r Filed			
E C	•	•				
bereby claim th	e benefit under Title 35,	United States Code, §119(e) of any United Sta	ates provisional app	olications(s) li	sted below:
h-én						
Diesse see s	attached Appendix	A (Listing 110 U.S.	Provisional Ap	oplications)		
Application Ser		Filing Date		•		
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as the subject m provided by the defined in Title national or PCT	natter of each of the clair first paragraph of Title 3 37, Code of Federal Re Finternational filing dat		disclosed in the pri 12, I acknowledge i curred between the	the duty to disclose a filing date of the	e material info prior applicat	ormation as
Please see a	attached Appendix	B (Listing 26 U.S. a	nd 38 PCT Pat	<u>tent Application</u>	ns)	
Application Ser		Filing Date	Status: F	Patented, Pending	, Abandoned	j

Filing Date

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09157
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over	
Full name of sole or first inventor	
######################################	
Avrija. Ashkenazi	
Table 2	
Inventor's signature	Date
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
	<u> </u>
Citizenship	
ÜS	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
3 PM 9 8 6	
Full name of second joint inventor, if any	
fergenii.	
Kevin P. Baker	
	Date
Inventor's signature	Date
D. Maria	
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship	
GB	
ab .	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Oddir Carr randood, Ort Cross	
Full name of third joint inventor, if any	
Tan name of time james,	
David Botstein	
Inventor's signature	Date
·	
Residence	
2539 Somerset Drive, Belmont, CA 94002	
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US	
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Sophia S. Kuo	7 SEPT 01
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Daniel Tumas	
Inventor's signature	Date
Residence	
3 Rae Avenue, Orinda, CA 94563	
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Full name of twenty-sixth joint inventor, if any	
Inventor's signature	Date
Residence \$69 Alto Avenue, Half Moon Bay, CA 94019	
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I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or

inventor's certificate lis filing date before that	sted below and h of the application	ave also identified below on on which priority is c	wany foreign applicat aimed:	tion for patent or invento	or's certific	cate nave a
Prior Foreign Applicat					Priority Yes	Claimed No
Number	Country	Day/Month/				
		, United States Code, §1			ations(s) li	sted below:
Please see attach	ned Appendi	x A (Listing 110 U	<u>.S. Provisional <i>A</i></u>	<u>(pplications)</u>		
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Full name of sole or first inventor	
単位。 は 200 年 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1	
Avi J. Ashkenazi	
	Date
Inventor's signature	
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
ÜS	
Dark Office Address	
Post Office Address TONA Way	
South San Francisco, CA 94080	
191	
निर्मा name of second joint inventor, if any	
To the state of th	
Këvin P. Baker	
	Date
Inventor's signature	Dato
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship	
GB	
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Inventor's signature	Date
THE STATE OF THE S	
Residence 1121 Tennessee Street #5, San Francisco, CA 94107	
Citizenship CH	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature	Date
Residence 541 Parrott Drive, San Mateo, CA 94402	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Audrey Goddard	
nventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
Residence 2627 Easton Drive, Burlingame, CA 94010	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Inventor's signature	Date
Residence 1434 36th Avenue, San Francisco, CA 94122	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of sixteenth joint inventor	
Kenneth J. Hillan	
Inventor's signature	Date
Residence 64 Seward Street, San Francisco, CA 94114	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature	Date
Residence 3673 Crescent Drive, Lafayette, CA 94549	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
Sophia S. Kuo	
Inventor's signature	Date
Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature Nay A Napur	Aug 30, 200)
Residence 1015 Hayne Road, Hillsborough, CA 94010	<i>V</i>
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence 1756 Terrace Drive, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Fall name of twenty-second joint inventor Margaret Ann Roy	
Inventor's signature	Date
Residence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-fourth joint inventor, it any	
Timothy A. Stewart	
Inventor's signature	Date
Residence 465 Douglass Street, San Francisco, CA 94114	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fifth joint inventor	
Daniel Tumas	
Inventor's signature	Date
Residence 3. Rae Avenue, Orinda, CA 94563	
Cittzenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-sixth joint inventor, if any Partickey Williams	
Inventor's signature	Date
Residence 509 Alto Avenue, Half Moon Bay, CA 94019	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-seventh joint inventor, if any	
William I. Wood	
Inventor's signature	Date
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SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

	Regulations, Section		the examination of this app	olication in accordance with Title 37
inventor's certifica	ate listed below and ha		ny foreign application for pa	y foreign application(s) for patent o atent or inventor's certificate have a
Prior Foreign App	olication(s):			Priority Claimed Yes No
Number	Country	Day/Month/Yea	ar Filed	
Application Ser. I	No.	Filing Date	Provisional Applicat	tions) ications(s) listed below and, insofa
as the subject ma provided by the fir defined in Title 37	tter of each of the clain st paragraph of Title 35	ns of this application is no 5, United States Code, §1 gulations, §1.56 which oc	t disclosed in the prior Unite 12, I acknowledge the duty	ed States application in the manner to disclose material information as date of the prior application and the
Please see at	tached Appendix	B (Listing 26 U.S. a	and 38 PCT Patent Ar	pplications)
Application Ser. N		Filing Date		d, Pending, Abandoned
Application Ser. N	No.	Filing Date	Status: Patented	d, Pending, Abandoned

09157
PATENT TRADEMARK OFFICE

Send correspondence to Genentech, Inc.

Attn: Elizabeth M. Barnes, Ph.D. Telephone: (650) 225-4563

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Full name of sole or first inventor	
البَّالِيَّةِ Aylı-J. Ashkenazi	
Action in the control of the control	Date
Inventor's signature	Date
_ <u> </u>	
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
Uniteriship US	
1.5.	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
name of second joint inventor, if any	
këvin P. Baker	
Inventorio cignoturo	Date
Inventor's signature	
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship	
GB	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
South San Francisco, CA 94000	
Full name of third joint inventor, if any	
t di name of time joint involter, it any	
David Botstein	
	Data
Inventor's signature	Date
-	
Residence	
2539 Somerset Drive, Belmont, CA 94002	
Oiti- anabin	
Citizenship US	
US	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor	
Luc Desnoyers	
Inventor's signature	Date
Residence 2050 Stockton Street, San Francisco, CA 94133	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dan L. Eaton	
Inventor's signature	Date
Residence 75 Knight Drive, San Rafael, CA 94901	
Citizenship US	
Post Office Address Line Description of the Control	
name of sixth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature	Date
Residence 2090 Pacific Avenue #704, San Francisco, CA 94109	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature	Date
Residence 538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Residence 3025 South Court, Palo Alto, CA 94306	
Citizenship	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor	
Hanspeter Gerber	
Inventor's signature	Date
Residence 1121 Tennessee Street #5, San Francisco, CA 94107	
Citizenship CH	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature	Date
Residence 541 Parrott Drive, San Mateo, CA 94402	
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Audrey Goddard	
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Post Office Address 1 PNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
J. Christopher Grimaldi	
Inventor's signature	Date
Residence 1434 36 th Avenue, San Francisco, CA 94122	
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James Pan	
Inventor's signature Afra Inventor's signature	Date Aug 23 /2001
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Citizenship CA	· · · · · · · · · · · · · · · · · · ·
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence 1756 Terrace Drive, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor	
Margaret Ann Roy	
Inventor's signature	Date
Residence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
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Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
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Full name of twentieth joint inventor, if any

Full name of twenty-fourth joint inventor, if any	
Timothy A. Stewart	
Inventor's signature	Date
Residence 465 Douglass Street, San Francisco, CA 94114	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fifth joint inventor	
Daniel Tumas	
Inventor's signature	Date
Residence	
3 Bae Avenue, Orinda, CA 94563	
Citizenship US	
Post Office Address 1. DNA Way	
South San Francisco, CA 94080	
Full name of twenty-sixth joint inventor, if any	
Mickey Williams	
Inventor's signature	Date
Residence 509 Alto Avenue, Half Moon Bay, CA 94019	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of twenty-seventh joint inventor, if any	
William I. Wood	
Inventor's signature	Date
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Thereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign A	oplication(s):		<u>Priority Claimed</u> <u>Yes</u> <u>No</u>
Number	Country	Day/Month/Year Filed	
hereby claim the	e benefit under Title 35, Ui	nited States Code, §119(e) of any United States pro	ovisional applications(s) listed below:

Please see attached Appendix A (Listing 110 U.S. Provisional Applications) Filing Date

Application Ser. No.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37. Code of Federal Regulations, \$1.56 which occurred between the filing date of the prior application and the

national or PCT international filing date of this application:

Please see attached Appendix B (Listing 26 U.S. and 38 PCT Patent Applications)				
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned		
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09157
PATENT TRADEMARK OFFICE

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2007	
Full name of sole or first inventor	
Avi J. Ashkenazi	
Inventor's signature	Date
<u> </u>	
Residence	
11 Control of the st, out mated, on other	
Citizenship	
Post Office Address	
TDNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Kevin P. Baker	
Inventor's signature	Date
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
On. 1	
Citizenship GB	
QD .	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Botstein	
Inventor's signature	Date
B. M.	
Residence 2539 Somerset Drive, Belmont, CA 94002	
2009 Odifielder Diffe, Delitioni, OA 94002	
Citizenship	
US	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor Luc Desnoyers Date Inventor's signature Residence 2050 Stockton Street, San Francisco, CA 94133 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fifth joint inventor, if any Dan L. Eaton Date Inventor's signature Residence 75 Knight Drive, San Rafael, CA 94901 Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixth joint inventor, if any Napoleone Ferrara Date inventor's signature Residence 2090 Pacific Avenue #704, San Francisco, CA 94109 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor Ellen Filvaroff Date Inventor's signature Residence 538 18th Avenue, San Francisco, CA 94121 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Residence 3025 South Court, Palo Alto, CA 94306	
Citizenship	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of tenth joint inventor Hanspeter Gerber	
Inventor's signature	Date
Residence 1121 Tennessee Street #5, San Francisco, CA 94107	
Citizenship CH	
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South San Francisco, CA 94080	
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Mary E. Gerritsen	
Inventor's signature	Date
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Nicholas F. Paoni	
Inventor's signature	Date 9/15/0 /
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Citizenship US:	
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P. Mickey Williams	
leventor's signature	Date
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Full name of sole or first inventor	
Avi J. Ashkenazi	
Inventor's signature	Date
Residence \$\frac{1}{2}\$ \$456 Tarrytown Street, San Mateo, CA 94402	
Çitizenship -US 	
Post Office Address DNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Kevin P. Baker	
Inventor's signature	Date
Residence 14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship GB	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Botstein	
Inventor's signature	Date
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	_

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Çilizenship ÜS	
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Full name of sixth joint inventor, if any	
Napoleone Ferrara	
linventor's signature	Date
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Full name of seventh joint inventor	
Ellen Filvaroff	
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Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
Residence 2627 Easton Drive, Burlingame, CA 94010	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
Christopher Grimaldi	
Inventor's signature	Date
Residence 1434 36 th Avenue, San Francisco, CA 94122	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of sixteenth joint inventor	
Kenneth J. Hillan	
Inventor's signature	Date
Residence 64 Seward Street, San Francisco, CA 94114	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature	Date
Residence	
3673 Crescent Drive, Lafayette, CA 94549	
Citiżenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
Sophia S. Kuo	
lawentor's signature	Date
Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature	Date
Residence 1015 Hayne Road, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence 1756 Terrace Drive, Belmont, CA 94002	
Cttiženship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor	
Margaret Ann Roy	
laventor's signature	Date 8/25/01
Residence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Timothy A. Stewart Date Inventor's signature Residence 465 Douglass Street, San Francisco, CA 94114 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fifth joint inventor **Daniel Tumas** Date Inventor's signature Residence 3 Bae Avenue, Orinda, CA 94563 Citizenship US Post Office Address 1. DNA Way South San Francisco, CA 94080 Full name of twenty-sixth joint inventor, if any P. Mickey Williams Date Inventor's signature U Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-seventh joint inventor, if any William I. Wood Date Inventor's signature Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of twenty-fourth joint inventor, if any

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or \underline{X} was filed on $\underline{July 30, 2001}$ as Application Serial No. $\underline{09/918,585}$ and was amended on $\underline{\ }$ (if applicable).

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I hereby state that I have amended by any amend	reviewed and und ment referred to a	erstand the contents o bove.	f the above-identified specificati	on, including the claims, as
Code of Federal Regulat	ions, Section 1.56	.	he examination of this application	
I hereby claim foreign pri inventor's certificate liste filing date before that of	d below and have a	ılso identified below an	s Code, §119(a)-(d) of any foreigr y foreign application for patent or ed:	n application(s) for patent or inventor's certificate have a
Prior Foreign Application	n(s):			Priority Claimed Yes No
Number	Country	Day/Month/Yea	r Filed	
l.d.				I liantiano(a) liatad balaw:
I hereby claim the benefit	under Title 35, Unit	ed States Code, §119(e) of any United States provisiona	applications(s) listed below.
700			Provisional Applications)	
Application Ser. No.	F	ling Date		
as the subject matter of e	each of the claims o graph of Title 35, L of Federal Regula	of this application is not Inited States Code, §1° ations, §1.56 which occ	of any United States applications disclosed in the prior United Stat 12, I acknowledge the duty to disc curred between the filing date of	close material information as
Please see attache	d Appendix B	(Listing 26 U.S. a	nd 38 PCT Patent Applica	ations)
Application Ser. No.	F	iling Date	Status: Patented, Pen	ding, Abandoned
Application Ser. No.	F	iling Date	Status: Patented, Pen	ding, Abandoned

09157

PATENT TRADEMARK OFFICE

Send correspondence to Genentech, Inc.

Attn: Elizabeth M. Barnes, Ph.D. Telephone: (650) 225-4563

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

TAX:	
Full-hame of sole or first inventor	
\$101 \$100 \$7,6	
Aviją. Ashkenazi	
	Date
nventor's signature	Date
ACTIVITY OF THE PROPERTY OF TH	
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
ŰS Isali	
Post Office Address	
posi Office Address 1 DNA Way	
South San Francisco, CA 94080	
Gouil Gail Tailoisco, On 04000	
Full-name of second joint inventor, if any	
tani matto di dodonia jama ili di	
Kevin P. Baker	
130/11/1 1 20/10/	
Inventor's signature	Date
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship	
GB	
D. 1000 Address	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
Full flame of tillid joint inventor, if dry	
David Botstein	
David Botston	
Inventor's signature	Date
Residence	
2539 Somerset Drive, Belmont, CA 94002	
Citizenship	
US	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor	
Luc Desnoyers	
Inventor's signature	Date
Residence 2050 Stockton Street, San Francisco, CA 94133	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dan L. Eaton	D.I.
Inventor's signature	Date
Residence 75 Knight Drive, San Rafael, CA 94901	
Citizenship Us	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Napoleone Ferrara Inventor's signature	Date
Residence 2090 Pacific Avenue #704, San Francisco, CA 94109	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature	Date
Residence 538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence	
19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Residence 3025 South Court, Palo Alto, CA 94306	
Citizenship	
CN:	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Füll name of tenth joint inventor	
Hanspeter Gerber	Date
Inventor's signature	Date
Residence \$121 Tennessee Street #5, San Francisco, CA 94107	
Citizenship CH	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature	Date
Residence 541 Parrott Drive, San Mateo, CA 94402	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
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Fall name of fourteenth joint inventor, if any	
J. Christopher Grimaldi	
linguentor's signature	Date
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Post Office Address 1 DNA Way South San Francisco, CA 94080	
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Austin L. Gurney	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Tail hame of sixteenar joint inventor	
Kenneth J. Hillan	
Inventor's signature	Date
Residence 64 Seward Street, San Francisco, CA 94114	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature	Date
Residence 3573 Crescent Drive, Lafayette, CA 94549	
Citizenship US	
Pest Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
Sophia S. Kuo	
laventor's signature	Date
Residence	
59 Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature	Date
Residence 1015 Hayne Road, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence 1756 Terrace Drive, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor Margaret Ann Roy	
Inventor's signature	Date
Pesidence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	10-10-01
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-fourth joint inventor, if any	
Timothy A. Stewart	
Inventor's signature	Date
Residence 465 Douglass Street, San Francisco, CA 94114	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fifth joint inventor	
Daniel Tumas Inventor's signature	Date
Residence 3 Flae Avenue, Orinda, CA 94563	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-sixth joint inventor, if any	
F-Mickey Williams	
Inventor's signature	Date
Residence 509 Alto Avenue, Half Moon Bay, CA 94019	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-seventh joint inventor, if any	
William I. Wood	
Inventor's signature	Date
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

As a below named inventor, I hereby declare that:

Application Ser. No.

My residence, post office address and citizenship are as stated below next to my name,

Filing Date

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or X was filed on July 30, 2001 as Application Serial No. 09/918,585 and was amended on (if applicable).

amended by any amendment referred to above.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as lacknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37. Code of Federal Regulations, Section 1.56. ĸÜ. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed: **Priority Claimed** Prior Foreign Application(s): Yes <u>No</u> Number Dav/Month/Year Filed Country Thereby claim the benefit under Title 35, United States Code, \$119(e) of any United States provisional applications(s) listed below: Please see attached Appendix A (Listing 110 U.S. Provisional Applications) Application Ser. No. Filing Date Thereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35. United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application: Please see attached Appendix B (Listing 26 U.S. and 38 PCT Patent Applications) Status: Patented, Pending, Abandoned Filing Date Application Ser. No.

Status: Patented. Pending, Abandoned

09157

PATENT TRADEMARK OFFICE

Send correspondence to Genentech, Inc.

Attn: Elizabeth M. Barnes, Ph.D. Telephone: (650) 225-4563

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5001	
Fall name of sole or first inventor	
to the state of th	
Awij. Ashkenazi	
Inventor's signature	Date
Residence	
1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship	
ÜS	
US 1 gala	
Pest Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Fall name of second joint inventor, if any	
The state of the s	
këvin P. Baker	
Inventor's signature	Date
Residence	
14006 Indian Run Drive, Damestown, MD 20878	
Citizenship	
GB	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Could dan Francisco, On 34000	
Full name of third joint inventor, if any	
David Botstein	
Inventor's signature	Date
Residence	
2539 Somerset Drive, Belmont, CA 94002	
Ottorestin	
Citizenship	
US	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Out The Indiano, On Ottoo	

Full name of fourth joint inventor	
Luc Desnoyers	
Inventor's signature	Date
Residence 2050 Stockton Street, San Francisco, CA 94133	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dan L. Eaton	
Inventor's signature	Date
Residence 75 Knight Drive, San Rafael, CA 94901	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature	Date
Residence 2090 Pacific Avenue #704, San Francisco, CA 94109	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature	Date
Residence 538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

19 Basisde Way, Alameda, CA 94502 Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of ninth joint inventor, if any Wei-Clang Gao Inventor's signature Date Past Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor Harspeter Gerber 12 Transessee Street #5, San Francisco, CA 94107 Citizenship CH To DATE Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor Harspeter Gerber 12 Transessee Street #5, San Francisco, CA 94107 Citizenship CH Full name of eleventh joint inventor, if any Many E. Geritlsen Inventor's signature Date Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Many E. Geritlsen Inventor's signature Dete Post Office San Mateo, CA 94080 Full name of eleventh joint inventor, if any Many E. Geritlsen Inventor's signature Dete Post Office San Mateo, CA 94402 Citizenship CA	Full name of eight joint inventor, if any	
Residence 19 Beainside Way, Alameda, CA 94502 Citizenship US Poet Office Address 1 DNA Way South San Francisco, CA 94090 Full name of Ininth joint Inventor, if any Wei-Olang Gao Inventor's signature Date Residence 3905 South Court, Palo Alto, CA 94306 Citizenship CA Pest Office Address 1 DNA Way Solish San Francisco, CA 94090 Full rame of tenth joint inventor Haitspeter Gerber Dete Residence 1 DNA Way Solish San Francisco, CA 94090 Full rame of tenth joint inventor Haitspeter Gerber Dete Full rame of tenth joint inventor Haitspeter Gerber Dete Full rame of tenth joint inventor, if any Mary E. Geritsen Inventor's signature Date Residence 541 Parnot Drive, San Meteo, CA 94402 Citizenship CA Poet Office Address 1 DNA Way South San Francisco, CA 94400 Full name of eleventif joint inventor, if any Mary E. Geritsen Inventor's signature Date Poet Office Address 1 DNA Way South San Francisco, CA 94402 Citizenship CA Poet Office Address 1 DNA Way South San Francisco, CA 94402 Citizenship CA Poet Office Address 1 DNA Way South San Francisco, CA 94402 Citizenship CA Poet Office Address 1 DNA Way South San Francisco, CA 94402	Sherman Fong	
19 Beainside Way, Alameda, CA 94502 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94090 Full name of ninth joint inventor, if any Wei-Charg Gao Inventor's signature Date Pest Office Address 1 DNA Way South San Francisco, CA 94306 Citizenship Ch The Address 1 DNA Way South San Francisco, CA 94080 Full name of fertify loint inventor The Spear Getter The Spear Gette	Inventor's signature	Date
Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of ninth joint inventor, if any Wel-Cliang Gao Inventor's signature Date Post Office Address 1 DNA Way South Court, Palo Alto, CA 94306 Upul Transport of the Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor Hanspeter Gerber Injury Transport of the Address 1 DNA Way Citizenship CH Post Office Address 1 DNA Way South San Francisco, CA 94107 Citizenship Full name of eleventh joint inventor, if any Mary E. Geritsen Inventor's signature Date Post Office Address 1 DNA Way South San Francisco, CA 94402 Citizenship CA Post Office Address 1 DNA Way Fost Office Address 1 DNA Way Post	Residence	
Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of ninth joint inventor, if any Wei-Diang Gao Inventor's signature Date Residence 3866 South Court, Palo Alto, CA 94306 Cittaenship CN Fig. 1 Post Office Address 1 DNA Way South San Francisco, CA 94080 Fig. 1 Farnessee Street #5, San Francisco, CA 94107 Cittaenship CH Tennessee Street #5, San Francisco, CA 94107 Cittaenship CH To DNA Way South San Francisco, CA 94080 Fig. 1 Farnessee Street #5, San Francisco, CA 94107 Cittaenship CH CH Control of Control		
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Wei-Qlang Gao Inventor's signature Date Residence 3995 South Court, Palo Alto, CA 94306 Citizenship CN Full name of tenth joint inventor, if any Many E. Gerritsen Inventor's signature Date Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor Hanspeter Gether CH Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Many E. Gerritsen Inventor's signature Date Post Office Address 1 DNA Way Citizenship CH Post Office Address 1 DNA Way Court San Francisco, CA 94080 Full name of eleventh joint inventor, if any Many E. Gerritsen Inventor's signature Date Post Office Address 1 DNA Way CA Dotto Folice Address 1 DNA Way Date Date Post Office Address 1 DNA Way Date	South San Francisco, CA 94080	
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Residence 3845 South Court, Palo Alto, CA 94306 1. Citizenship City Pest Office Address 1, DNA Way South San Francisco, CA 94080 Figli Imme of lenth joint inventor Hanspeter Gerber 1. Plantage of tenth joint inventor Hanspeter Gerber 1. Plantage of tenth joint inventor Hanspeter Gerber 1. Plantage of tenth joint inventor 1. Plantage of tenth joint inventor 1. Plantage of tenth joint inventor, CA 94107 1. Citizenship CH Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Mary E. Gerritsen 1. Inventor's signature Date 1. Parrott Drive, San Mateo, CA 94402 1. Citizenship CA Post Office Address 1 DNA Way 1. DNA Way 1. Date 1. DNA Way 1. Date 1.	Wei-Qiang Gao	
Residence 30c5 South Court, Palo Alto, CA 94306 Citizenship Ch Light San Francisco, CA 94080 Full name of tenth joint inventor Hashspeter Gerber Light Inspect of Street #5, San Francisco, CA 94107 Citizenship CH Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of elevenith joint inventor, if any Mary E. Gerritsen Inventor's signature Date Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of elevenith joint inventor, if any Mary E. Gerritsen Inventor's signature Date Residence 541 Parrott Drive, San Mateo, CA 94402 Citizenship CA Post Office Address 1 DNA Way	Inventor's signature	Date
South Court, Palo Alto, CA 94306 Citizenship Citizens		
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1, DNA Way South San Francisco, CA 94080	Citizenship CN	
Soluth San Francisco, CA 94080 Full name of tenth joint inventor	Post Office Address	
Hanspeter Gerber Inventor's signature Date Date Residence Filiz1 Tennessee Street #5, San Francisco, CA 94107 Citizenship CH Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Mary E. Gerritsen Inventor's signature Date Date Date Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Mary E. Gerritsen Inventor's signature Date	South San Francisco, CA 94080	
Inventor's signature Date Pestidence Fig.1 Tennessee Street #5, San Francisco, CA 94107 Citizenship CH Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Mary E. Gerritsen Inventor's signature Date Residence 541 Parrott Drive, San Mateo, CA 94402 Citizenship CA Post Office Address 1 DNA Way	Full name of tenth joint inventor	
Residence 121 Tennessee Street #5, San Francisco, CA 94107 Citizenship CH Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Mary E. Gerritsen Inventor's signature Date Post Office Address 1 DNA Way Citizenship CA Post Office Address 1 DNA Way	Hanspeter Gerber	
Residence 121 Tennessee Street #5, San Francisco, CA 94107 Citizenship CH	Inventor's signature	Date
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Inventor's signature Residence 541 Parrott Drive, San Mateo, CA 94402 Citizenship CA Post Office Address 1 DNA Way	Full name of eleventh joint inventor, if any	
Residence 541 Parrott Drive, San Mateo, CA 94402 Citizenship CA Post Office Address 1 DNA Way	Mary E. Gerritsen	
541 Parrott Drive, San Mateo, CA 94402 Citizenship CA Post Office Address 1 DNA Way	Inventor's signature	Date
CA Post Office Address 1 DNA Way		
1 DNA Way	Citizenship CA	
South San Francisco, CA 94080	Post Office Address	
	South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
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Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
J-Christopher Grimaldi	
laventor's signature	Date
Résidence	
1434 36 th Avenue, San Francisco, CA 94122	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of fifteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	

Full name of sixteenth joint inventor	
Kenneth J. Hillan	
Inventor's signature	Date
Residence 64 Seward Street, San Francisco, CA 94114	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature	Date
Residence 3673 Crescent Drive, Lafayette, CA 94549	
Citizenship US	· · · · · · · · · · · · · · · · · · ·
First Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any Sophia S. Kuo	
leventor's signature	Date
Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature	Date
Residence 1015 Hayne Road, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence 1756 Terrace Drive, Belmont, CA 94002	
Cilizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
िसी name of twenty-second joint inventor	
Margaret Ann Roy	
Inventor's signature	Date
Residence 2960 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-fourth joint inventor, if any	
Timothy A. Stewart	
Inventor's signature	Date
Residence 465 Douglass Street, San Francisco, CA 94114	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fifth joint inventor	
Daniel Tumas	
Inventor's signature Residence 3 Rae Avenue, Orinda, CA 94563	Date G-Z é- Zco(
Citizenship	
Post Office Address 1-DNA Way South San Francisco, CA 94080	
Full name of twenty-sixth joint inventor, if any Mickey Williams	
Inventor's signature	Date
Residence \$69 Alto Avenue, Half Moon Bay, CA 94019	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-seventh joint inventor, if any	
William I. Wood	
Inventor's signature	Date
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

the specification of which (check one) is attached hereto or \underline{X} was filed on $\underline{\text{July 30, 2001}}$ as Application Serial No. $\underline{\text{09/918,585}}$ and was amended on $\underline{\ }$ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

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nventor's certific	cate listed below and h	ave also identified belo	tates Code, §119(a)-(d) of any foreign application(s) for patent or any foreign application for patent or inventor's certificate have a
iling date before	e that of the application	n on which priority is o	aimed:
ili Natau Fausian An	nlication(s):		Priority Claimed
rior Foreign Ap	plication(s).		Yes No
rija H. B			
Number	Country	Day/Month	Year Filed
#i	•		
l _e s.			119(e) of any United States provisional applications(s) listed below. S. Provisional Applications)
Application Ser.	No.	Filing Date	
as the subject m provided by the f defined in Title 3	atter of each of the cla	ims of this application is 35, United States Code egulations, §1.56 whic	§120 of any United States applications(s) listed below and, insofar is not disclosed in the prior United States application in the manner , §112, I acknowledge the duty to disclose material information as n occurred between the filing date of the prior application and the
Please see a	attached Appendi	x B (Listing 26 U.	S. and 38 PCT Patent Applications)
Application Ser.	. No.	Filing Date	Status: Patented, Pending, Abandoned
Application Ser.	. No.	Filing Date	Status: Patented, Pending, Abandoned

09157

PATENT TRADEMARK OFFICE

Send correspondence to Genentech, Inc.

Attn: Elizabeth M. Barnes, Ph.D. Telephone: (650) 225-4563

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

No. 20	
Full name of sole or first inventor	
Avi J. Ashkenazi	
Inventor's signature	Date
Residence 1456 Tarrytown Street, San Mateo, CA 94402	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of second joint inventor, if any	
Kevin P. Baker	
Inventor's signature	Date
Residence 14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Botstein	
Inventor's signature	Date
Residence 2539 Somerset Drive, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of fourth joint inventor	
Luc Desnoyers	
Inventor's signature	Date
Residence 2050 Stockton Street, San Francisco, CA 94133	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dan L. Eaton	
Inventor's signature	Date
Residence 75-Knight Drive, San Rafael, CA 94901	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any Napoleone Ferrara	
Inventor's signature	Date
Residence 2690 Pacific Avenue #704, San Francisco, CA 94109	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature	Date
Residence 538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence	
19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Residence	
3025 South Court, Palo Alto, CA 94306	
Citizenship CN	
Post Office Address	
1 BNA Way Seigth San Francisco, CA 94080	
Fall name of tenth joint inventor	
Hanspeter Gerber	
Inventor's signature	Date
Residence 121 Tennessee Street #5, San Francisco, CA 94107	
Citizenship CH	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature	Date
Residence 541 Parrott Drive, San Mateo, CA 94402	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
Residence 2627 Easton Drive, Burlingame, CA 94010	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full-name of fourteenth joint inventor, if any	
J Christopher Grimaldi	
Inventor's signature	Date
Residence 1434 36 th Avenue, San Francisco, CA 94122	
Čitizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of sixteenth joint inventor	
Kenneth J. Hillan	
Inventor's signature	Date
Residence	
64 Seward Street, San Francisco, CA 94114	
Citizenship GB	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature	Date
Residence 3673 Crescent Drive, Lafayette, CA 94549	
Citizenship	
Post Office Address fa⊎NA Way	
South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
Sophia S. Kuo	
Inventor's signature	Date
Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature	Date
Residence 1015 Hayne Road, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twentieth joint inventor, if any	
James Pan	
Inventor's signature	Date
Residence 2705 Coronet Boulevard, Belmont, CA 94002	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature	Date
Residence 1756 Terrace Drive, Belmont, CA 94002	
Citizenship	
Pest Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor	
Margaret Ann Roy	
lawentor's signature	Date
Residence 2060 Webster Street #4, San Francisco, CA 94123	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-third joint inventor, if any	
David L. Shelton	
Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Tourname or (westly-load or joint inventor, it any	
Timothy A. Stewart	
Inventor's signature	Date
Residence 465 Douglass Street, San Francisco, CA 94114	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-fifth joint inventor	
Daniel Tumas	
Inventor's signature	Date
Residence 3 Pae Avenue, Orinda, CA 94563	
Ciftzenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
	
Full name of twenty-sixth joint inventor, if any	\sim 1
Full name of twenty-sixth joint inventor, if any Pa Mickey Williams	8/27/01
P. Mickey Williams Inventor's signature	8/27/0/ Date
P. Mickey Williams Inventor's signature	8/27/0/ Date
P. Mickey Williams Inventor's signature	8/27/0/ Date
P. Mickey Williams Inventor's signature Residence	8/27/0/ Date
Pa Mickey Williams Inventor's signature Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Gittzenship US Post Office Address 1 DNA Way	8/27/0/ Date /
P. Mickey Williams Inventor's signature Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080	8/27/0/ Date
Pa Mickey Williams Inventor's signature Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Gittzenship US Post Office Address 1 DNA Way	8/27/0/ Date /
P. Mickey Williams Inventor's signature Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080	8/27/0/ Date /
P. Mickey Williams Inventor's signature Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-seventh joint inventor, if any	8/27/0/ Date /
P. Mickey Williams Inventor's signature Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-seventh joint inventor, if any William I. Wood	
P. Mickey Williams Inventor's signature Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-seventh joint inventor, if any William I. Wood Inventor's signature	

As a below named inventor, I hereby declare that:

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SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

lacknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

##1		-			
Prior Foreign App	olication(s):			Priority	Claimed
	.,			<u>Yes</u>	<u>No</u>
Number	Country	Day/Mont	n/Year Filed		
I hereby claim the	benefit under Title 35, l	Jnited States Code,	§119(e) of any United States provisional applica	tions(s) lis	sted below:
Please see at	tached Appendix	A (Listing 110 l	J.S. Provisional Applications)		
Application Ser. N	No.	Filing Date			
as the subject ma provided by the fir defined in Title 37	tter of each of the clain st paragraph of Title 3	ns of this application 5, United States Cod gulations, §1.56 whi	,§120 of any United States applications(s) liste is not disclosed in the prior United States appli e,§112, I acknowledge the duty to disclose ma ch occurred between the filing date of the prio	cation in tl aterial info	he manner rmation as
Please see at	tached Appendix	B (Listing 26 U	.S. and 38 PCT Patent Applications)	
Application Ser. N		Filing Date	Status: Patented, Pending, At		
Application Ser. N	No.	Filing Date	Status: Patented, Pending, At	andoned	

09157

PATENT TRADEMARK OFFICE

Send correspondence to Genentech, Inc.

Attn: Elizabeth M. Barnes, Ph.D. Telephone: (650) 225-4563

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Full name of sole or first inventor	
AJJ. Ashkenazi	
(1) % # (2) % # (3) % # (4) % # (Date
Inventor's signature	Date
Residence	
t456 Tarrytown Street, San Mateo, CA 94402	
Clezenship	
us	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	
Full name of second joint inventor, if any	
r 5000 1 to 0 1 to 0 1 to 0 1 to 0	
Keyin P. Baker	
Inventor's signature	Date
•	
Residence	
14006 Indian Run Drive, Darnestown, MD 20878	
Citizenship	
GB	
D. LOW Address	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	
Full name of third joint inventor, if any	
David Botstein	
Inventorio aignaturo	Date
Inventor's signature	
Residence 2539 Somerset Drive, Belmont, CA 94002	
Citizenship	
US	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

Full name of fourth joint inventor	
Luc Desnoyers	
Inventor's signature	Date
Residence 2050 Stockton Street, San Francisco, CA 94133	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifth joint inventor, if any	
Dan L. Eaton	
Inventor's signature	Date
Residence 75 Knight Drive, San Rafael, CA 94901	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
Napoleone Ferrara	
Inventor's signature	Date
Residence 2090 Pacific Avenue #704, San Francisco, CA 94109	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventh joint inventor	
Ellen Filvaroff	
Inventor's signature	Date
Residence 538 18 th Avenue, San Francisco, CA 94121	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of eight joint inventor, if any	
Sherman Fong	
Inventor's signature	Date
Residence 19 Basinside Way, Alameda, CA 94502	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of ninth joint inventor, if any	
Wei-Qiang Gao	
Inventor's signature	Date
Residence 3025 South Court, Palo Alto, CA 94306	
Cifizenship GN	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of tenth joint inventor	
Hanspeter Gerber	
Inventor's signature	Date
Residence 1721 Tennessee Street #5, San Francisco, CA 94107	
Gitizenship CH	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eleventh joint inventor, if any	
Mary E. Gerritsen	
Inventor's signature	Date
Residence 541 Parrott Drive, San Mateo, CA 94402	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twelfth joint inventor, if any	
Audrey Goddard	
Inventor's signature	Date
Residence 110 Congo Street, San Francisco, CA 94131	
Citizenship CA	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of thirteenth joint inventor	
Paul J. Godowski	
Inventor's signature	Date
Residence 2627 Easton Drive, Burlingame, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	
J. Christopher Grimaldi	
Inventor's signature	Date
Residence 1434 36 th Avenue, San Francisco, CA 94122	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fifteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature	Date
Residence 1 Debbie Lane, Belmont, CA 94002	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of sixteenth joint inventor	
Kenneth J. Hillan	•
Inventor's signature	Date
Residence 64 Seward Street, San Francisco, CA 94114	
Citizenship GB	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature	Date
Residence 3673 Crescent Drive, Lafayette, CA 94549	
Clitzenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of eighteenth joint inventor, if any	
Sophia S. Kuo	
Inventor's signature	Date
Residence 59 Surrey Street, Apt. 3, San Francisco, CA 94131	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of nineteenth joint inventor	
Mary A. Napier	
Inventor's signature	Date
Residence 1015 Hayne Road, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

James Pan Inventor's signature Date Residence 2705 Coronet Boulevard, Belmont, CA 94002 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-list joint inventor, if any Nicholas F. Paoni Inventor's signature Date Residence 1996 1000 1000 1000 1000 1000 1000 1000	Full name of twentieth joint inventor, if any	
Residence 2705 Coronet Boulevard, Belmont, CA 94002 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-first joint inventor, if any Nicholas F. Paoni Inventor's signature Date Residence 17366 Tenace Drive, Belmont, CA 94002 Citizenship US Topha Way South San Francisco, CA 94080 Full name of twenty-second joint inventor Margaret Ann Roy Taylor Inventor's signature Date Past Office Address 1 DNA Way South San Francisco, CA 94123 Citizenship US Citizenship US Citizenship US Citizenship US Post Office Address 1 DA Way South San Francisco, CA 941880	James Pan	
2705 Coronet Boulevard, Belmont, CA 94002 Citizenship CA Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-first joint inventor, if any Nicholas F. Paoni Inventor's signature Date Past Office Address 1 ToNA Way South San Francisco, CA 94080 Tule Address 1 DNA Way South San Francisco, CA 94080 Date Date Date Citizenship US Litizenship US Litizenship Litizens	Inventor's signature	Date
Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-first joint inventor, if any Nicholas F. Paoni Inventor's signature Date Residence 1726 Terrace Drive, Belmont, CA 94002 Citizenship US Justic San Francisco, CA 94080 Full name of twenty-second joint inventor Mergaret Ann Roy The san Francisco, CA 94123 The saldence 2950 Webster Street #4, San Francisco, CA 94123 Citizenship US Cotffice Address 1 DNA Way South San Francisco, CA 94080		
1 DNA Way South San Francisco, CA 94080 Full name of twenty-first joint inventor, if any Nicholas F. Paoni Inventor's signature Date Past Office Address 1 DNA Way South San Francisco, CA 94080 Past Office Address 1 DNA Way Citizenship Us Full name of twenty-second joint inventor Date Da		
Nicholas F. Paoni Inventor's signature Date Plassidence 1756 Terrace Drive, Belmont, CA 94002 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Pull name of twenty-second Joint inventor Margaret Ann Roy Plantame of twenty-second Joint inventor Date Date Presidence 2960 Webster Street #4, San Francisco, CA 94123 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080	1 DNA Way	
Inventor's signature Date Residence 1726 Terrace Drive, Belmont, CA 94002 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Date Dat	Full name of twenty-first joint inventor, if any	
Residence 1736 Terrace Drive, Belmont, CA 94002 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor Margaret Ann Roy Fest Gence 2960 Webster Street #4, San Francisco, CA 94123 Fost Office Address 1 DNA Way South San Francisco, CA 94080	Nicholas F. Paoni	
Residence 1756 Terrace Drive, Belmont, CA 94002 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Date Date Presidence 2960 Webster Street #4, San Francisco, CA 94123 Post Office Address 1 DNA Way South San Francisco, CA 94080		Date
US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor Margaret Ann Roy Residence 2960 Webster Street #4, San Francisco, CA 94123 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080	Residence 1756 Terrace Drive, Belmont, CA 94002	
1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor Margaret Ann Roy Inventor's signature Date Pesidence 2000 Webster Street #4, San Francisco, CA 94123 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080	US	
Margaret Ann Roy Inventor's signature Date Residence 20:00 Webster Street #4, San Francisco, CA 94123 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080	1 DNA Way South San Francisco, CA 94080	
Inventor's signature Pesidence 2960 Webster Street #4, San Francisco, CA 94123 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080	9. *	
Residence 2960 Webster Street #4, San Francisco, CA 94123 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080		
Residence 2960 Webster Street #4, San Francisco, CA 94123 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080		Date
Post Office Address 1 DNA Way South San Francisco, CA 94080	Residence	
1 DNA Way South San Francisco, CA 94080		
	1 DNA Way	
Full name of twenty-third joint inventor, if any	Full name of twenty-third joint inventor, if any	
David L. Shelton	David L. Shelton	
Inventor's signature Date	Inventor's signature	Date
Residence 5845 Clover Drive, Oakland, CA 94618		
Citizenship US		
Post Office Address 1 DNA Way South San Francisco, CA 94080	1 DNA Way	

Full name of twenty-fourth joint inventor, if any Timothy A. Stewart Date Inventor's signature Residence 465 Douglass Street, San Francisco, CA 94114 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fifth joint inventor **Daniel Tumas** Date Inventor's signature Residence 3 Rae Avenue, Orinda, CA 94563 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-sixth joint inventor, if any P. Mickey Williams Date Inventor's signature i j Residence 509 Alto Avenue, Half Moon Bay, CA 94019 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-seventh joint inventor, if any William I. Wood Date Inventor's signature Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080